

CLAIMS

- Sub A
1. A security thread comprising a magnetic layer sandwiched between protective layers, wherein at least one of the protective layers comprises a piezoelectric polymer.
2. The security thread of claim 1 wherein the piezoelectric polymer layer has poled and unpoled regions forming a binary or tertiary code.
3. The security thread of claim 1 or 2 wherein a pair of the protective layers, one either side of the magnetic layer, is a piezoelectric polymer.
4. The security thread of claim 3 wherein each of the piezoelectric layers has poled and unpoled regions.
5. The security thread of any one of the preceding claims wherein the thread further comprises a metallisation layer between the piezoelectric polymer layer and the magnetic layer.
6. The security thread of claim 5 wherein the metallisation layer acts as a ground electrode for the piezoelectric layer.
- add X2